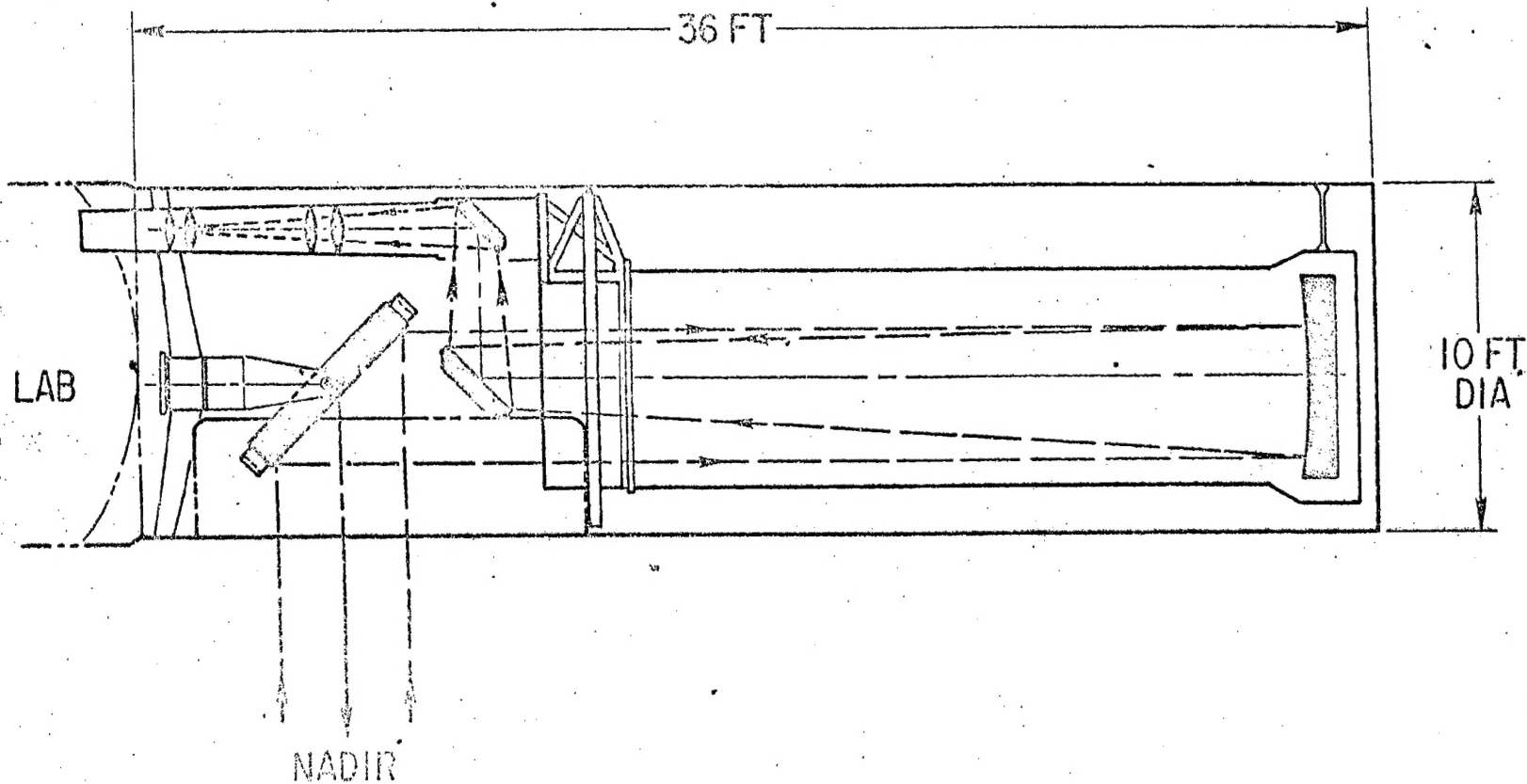


~~SECRET~~
SPECIAL HANDLING

WHS-293
P-8

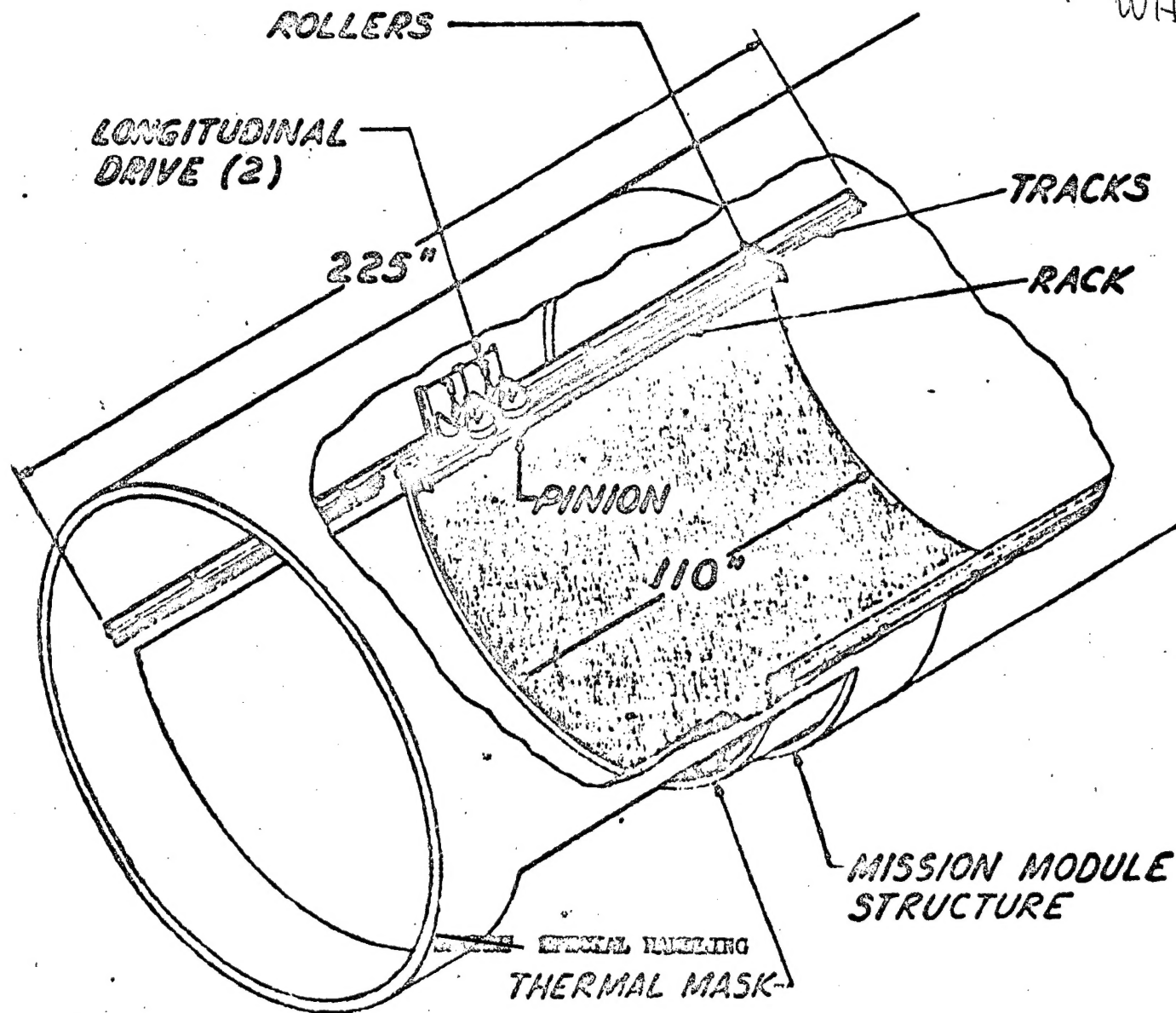
MISSION MODULE



SPECIAL HANDLING
~~SECRET~~

THERMAL MASK ASSEMBLY & INSTL

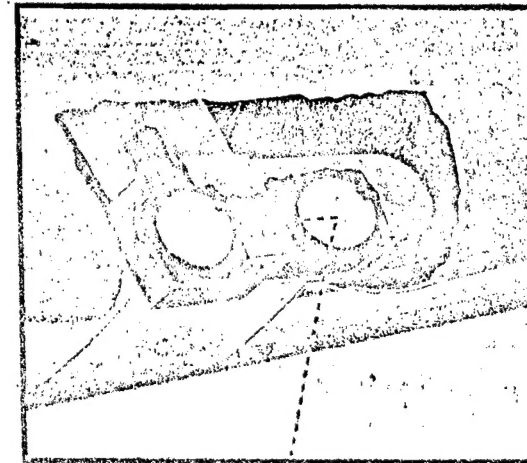
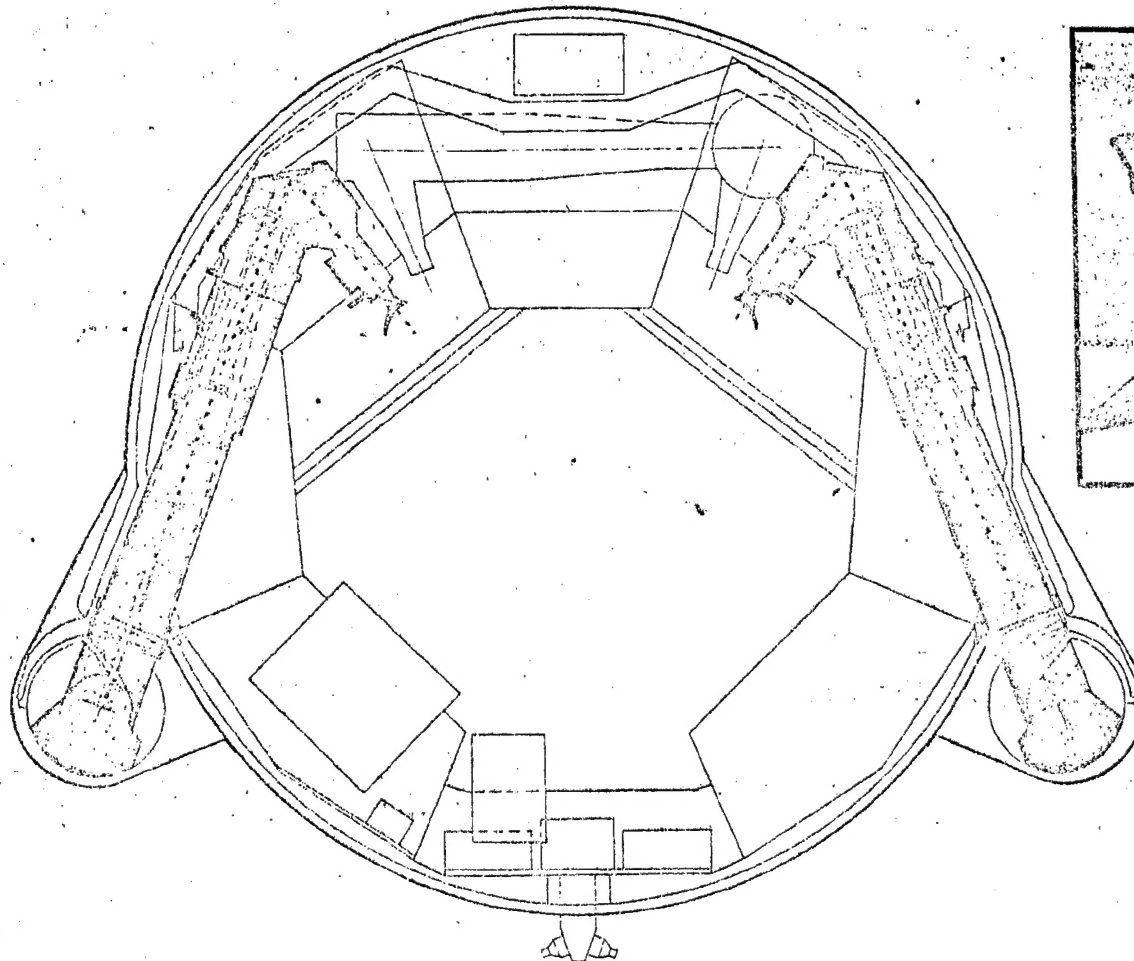
WHS-293
p. 13



SSS-101

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SPECIAL HANDLING

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P. 15



HIGH RANGE 63-127X

LOW RANGE 16-32X

1° FOV @ 63X

4° FOV @ 16X

2 MM. EXIT PUPIL

@ 127X

10" APERTURE

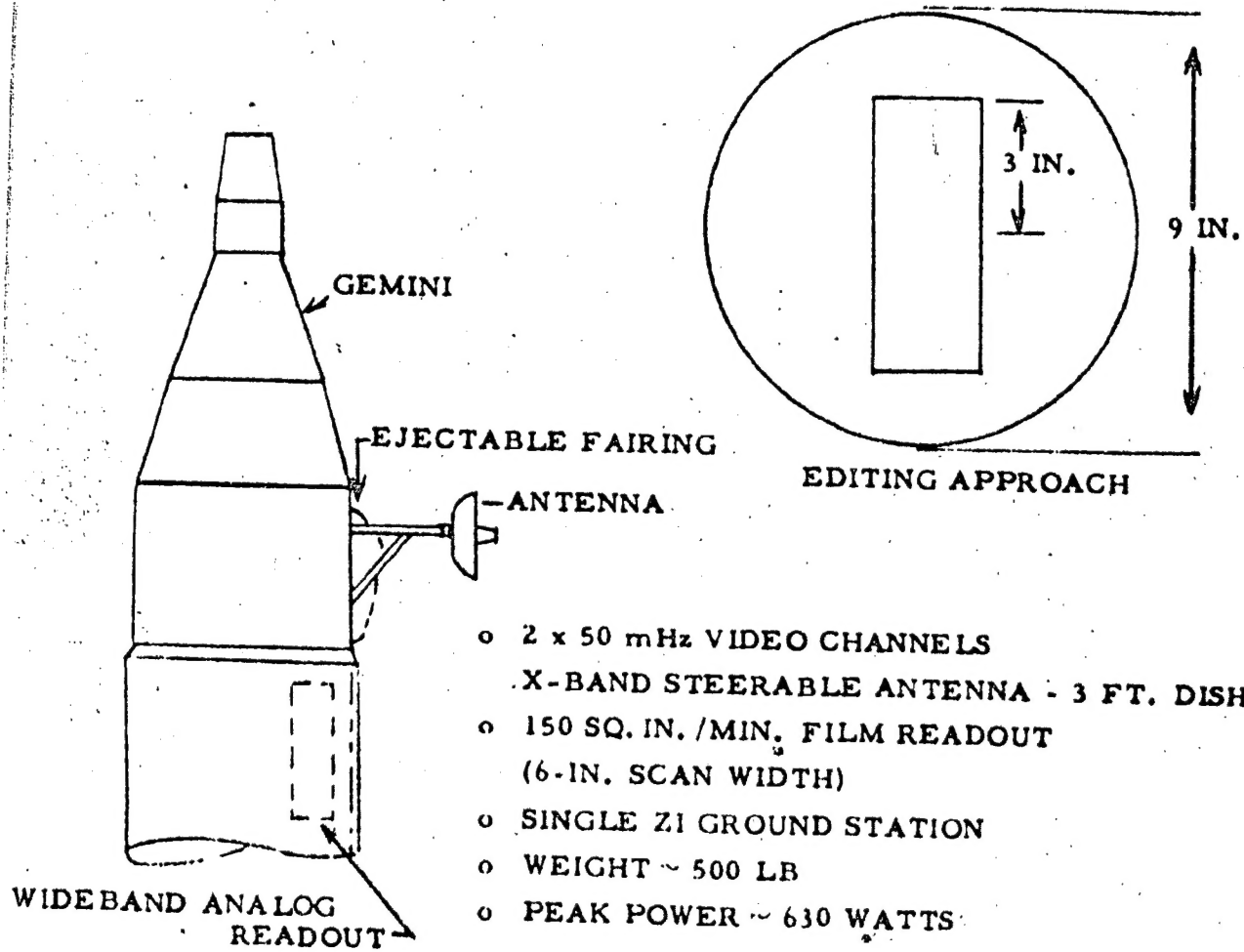
SPECIAL HANDLING

~~SECRET~~

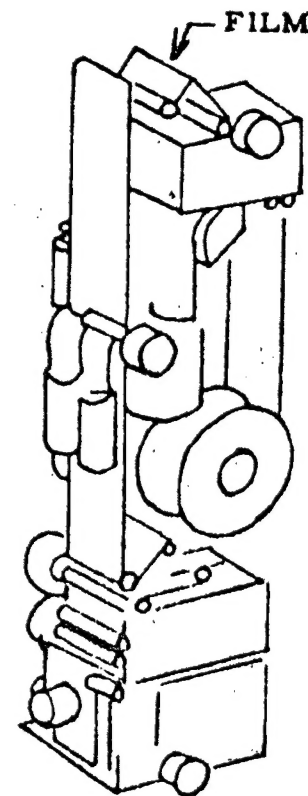
(D) ~~SECRET~~-SPECIAL HANDLING

WIDEBAND READOUT

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p. 16



- o 2 x 50 mHz VIDEO CHANNELS
- o X-BAND STEERABLE ANTENNA - 3 FT. DISH
- o 150 SQ. IN. /MIN. FILM READOUT (6-IN. SCAN WIDTH)
- o SINGLE ZI GROUND STATION
- o WEIGHT ~ 500 LB
- o PEAK POWER ~ 630 WATTS



(D) ~~SECRET~~-SPECIAL HANDLING

ST-2014

LABORATORY PRESSURIZED COMPARTMENT TYPICAL EQUIPMENT AND WIRING ARRANGEMENT

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P. 18

FWD PRESSURE DOME

TUNNEL HATCH

TYP WIRE
HARNESS

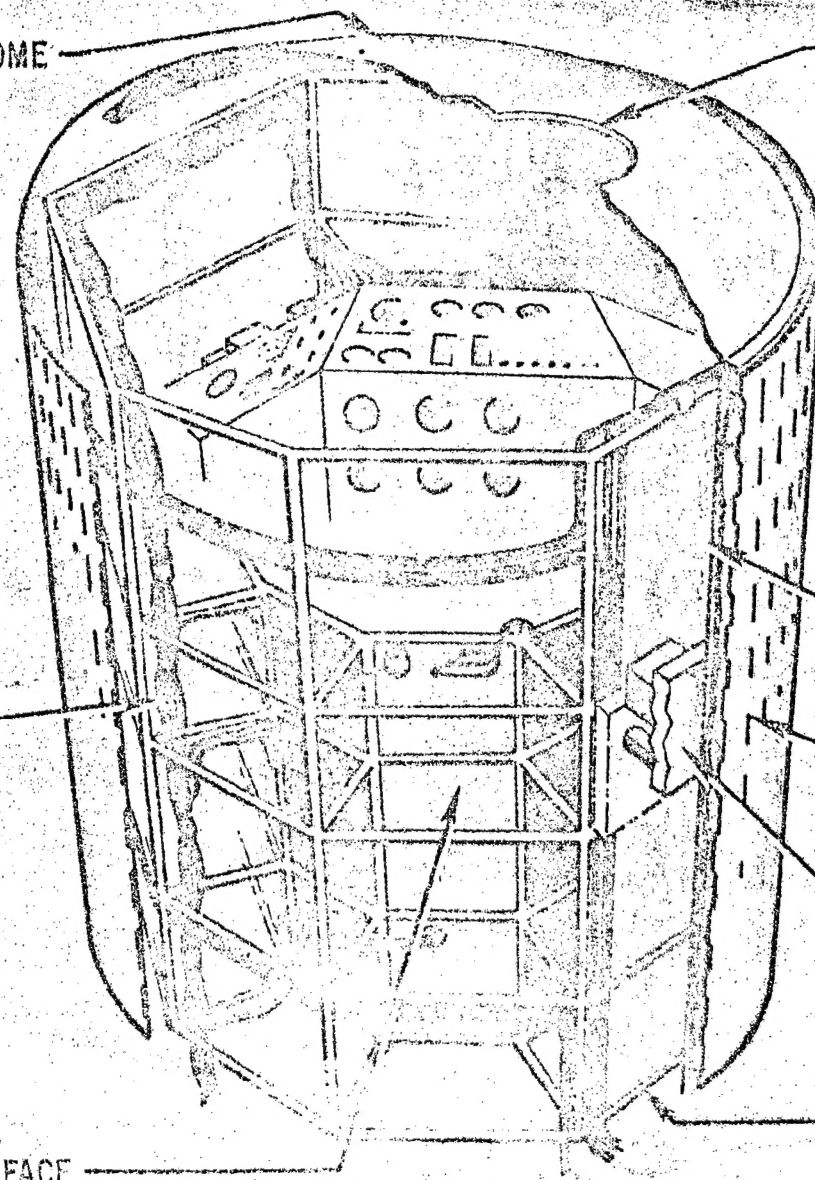
PRESSURE SKIN

RADIATOR-
METEOROID
BUMPER

COLD PLATE

CONSOLE
BACK FACE

EQUIPMENT
SUPPORT STRUCTURE



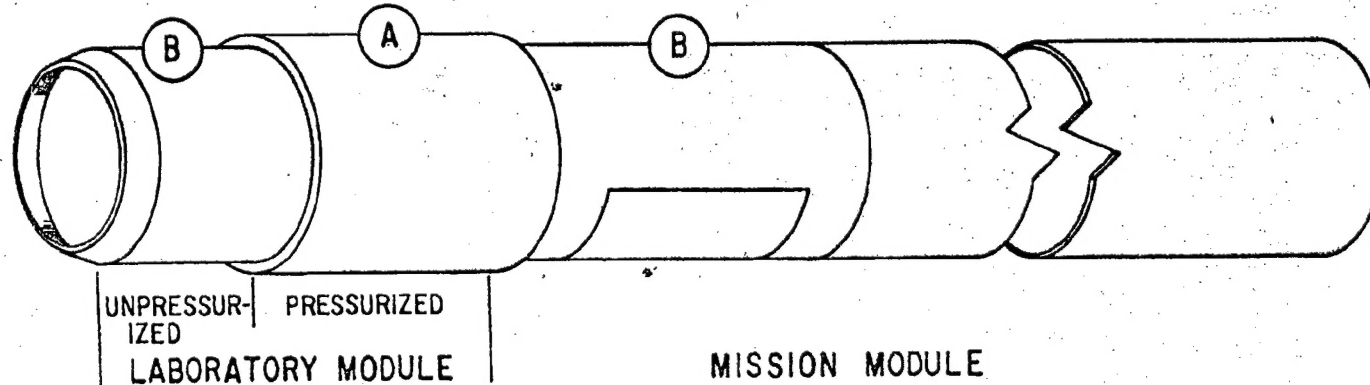
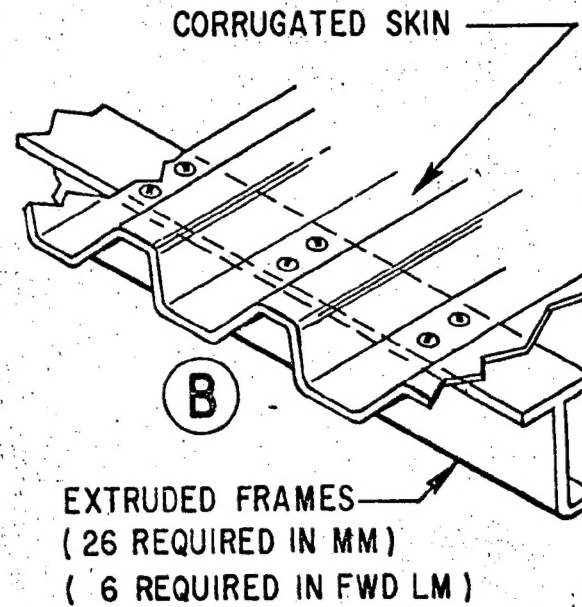
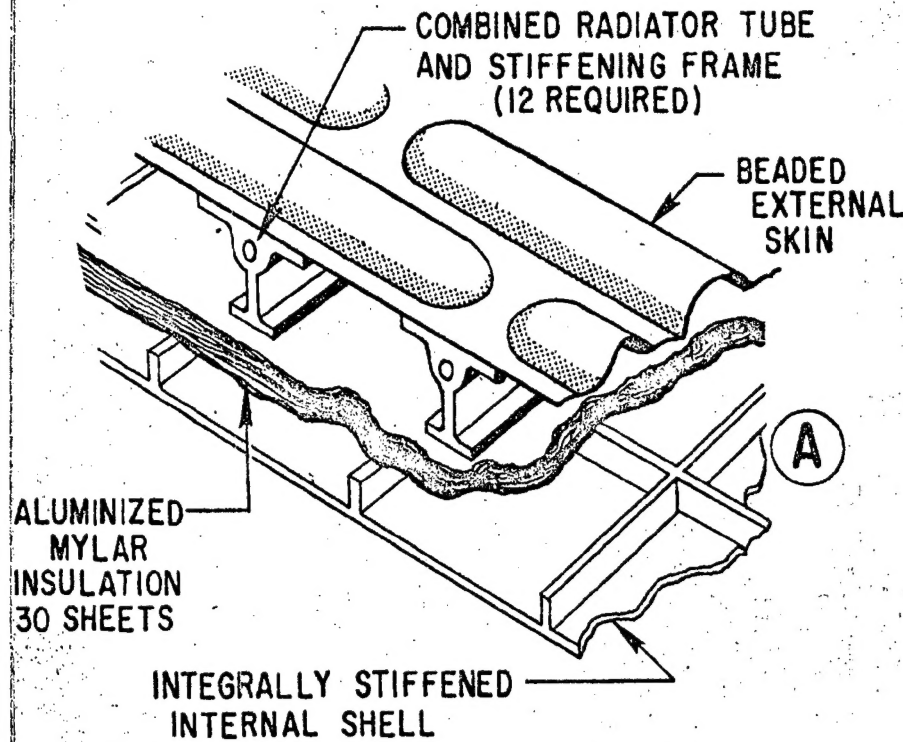
JAMPSON

STRUCTURAL ARRANGEMENT

V-28911

~~WFS-090~~

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AEROSPACE CORPORATION



WFS-090

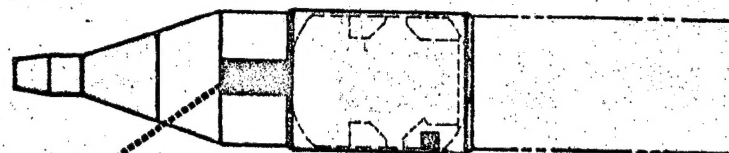
WHS-293

VEE-65- Y21489-R(III)

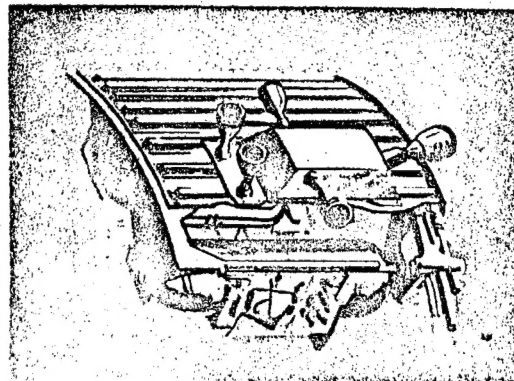
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ATTITUDE CONTROL & TRANSLATION SYSTEM

BASELINE LABORATORY VEHICLE

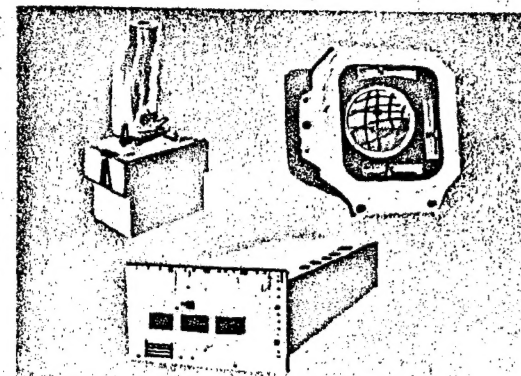


REACTION JETS



- 16-25 LBS
- 4-100 LBS
- RADIATION COOLED
- HYPERGOLIC BI-PROPELLANT
- MODULAR UNITS

A.C.T.S. ELECTRONICS



- 0.5 DEG POINTING TOLERANCE
- 0.004 DEG/SEC RATE TOLERANCE
- MULTIPLE MODES, MANUAL AND AUTOMATIC
- COMPUTER INDEPENDENT ELECTRONICS; HORIZON SENSORS AND BMG REFERENCE

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DECLASSIFIED AT 3 YEAR INTERVALS
DECLASSIFIED DATE 11-12-15
DOD OR 100-10

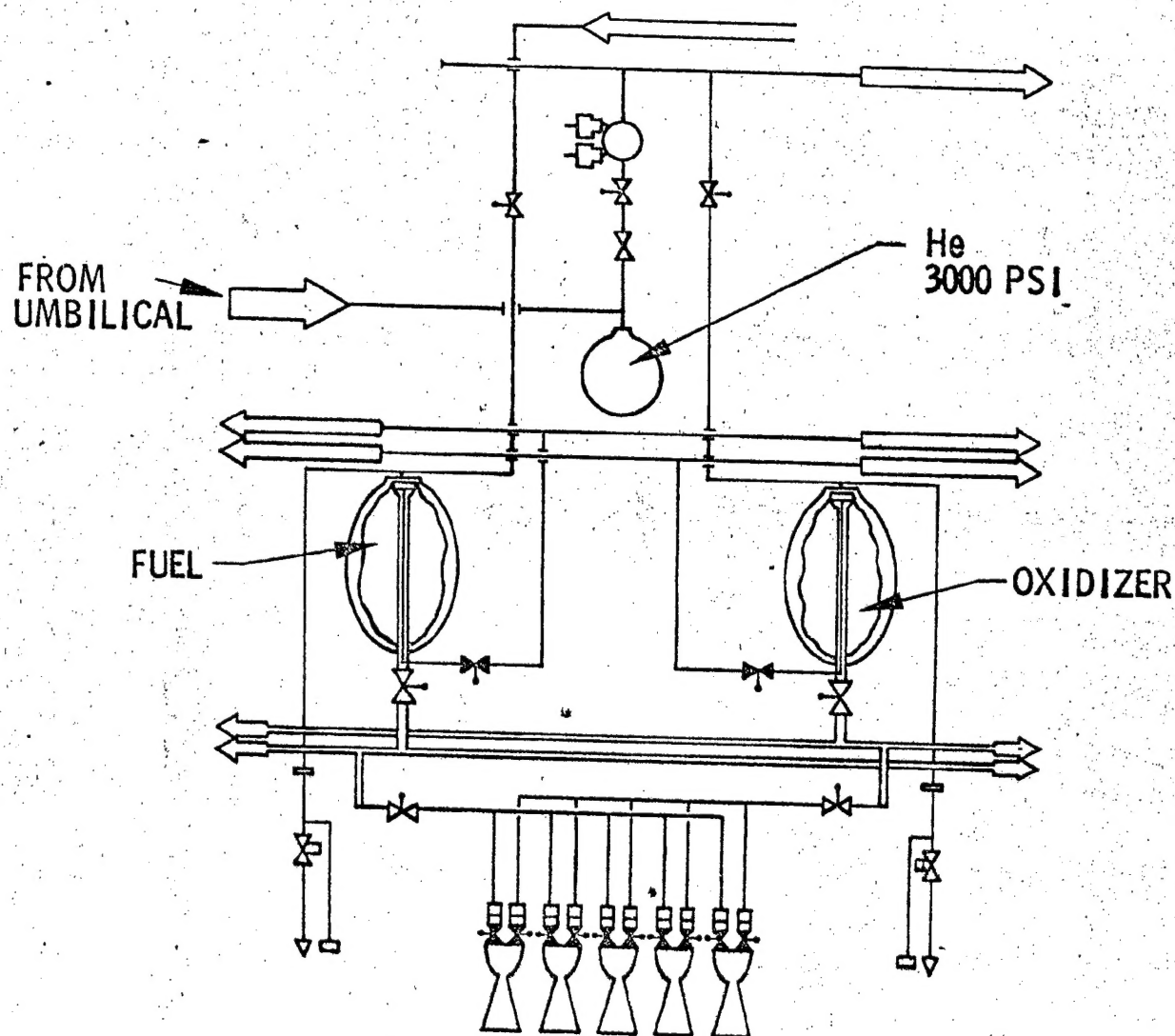
AEROSPACE CORPORATION



ACTS/PROP SINGLE SECTOR SCHEMATIC

V587-6B

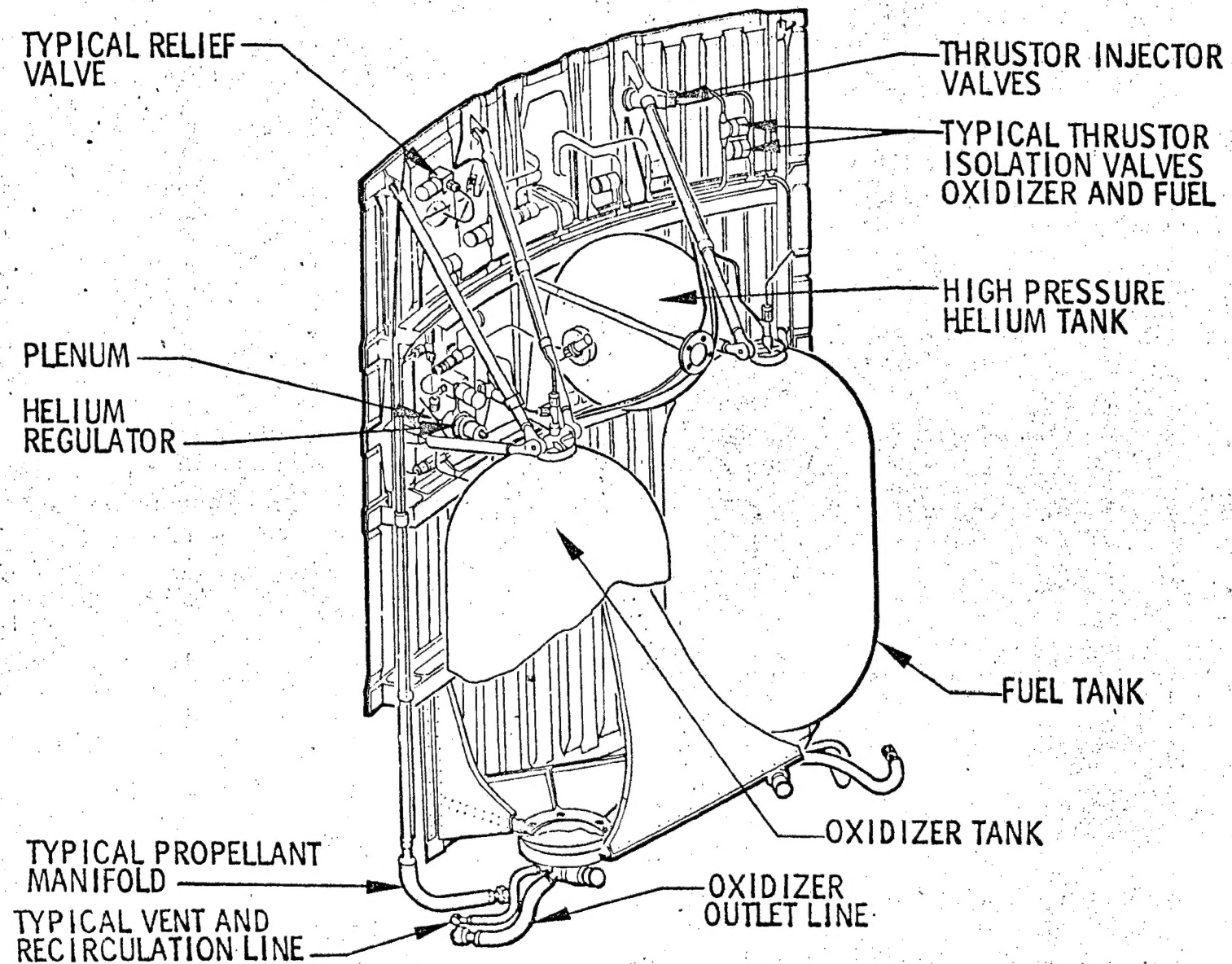
WHS-293
P. ~~20~~ 21



TYPICAL ACTS/PROP SECTOR

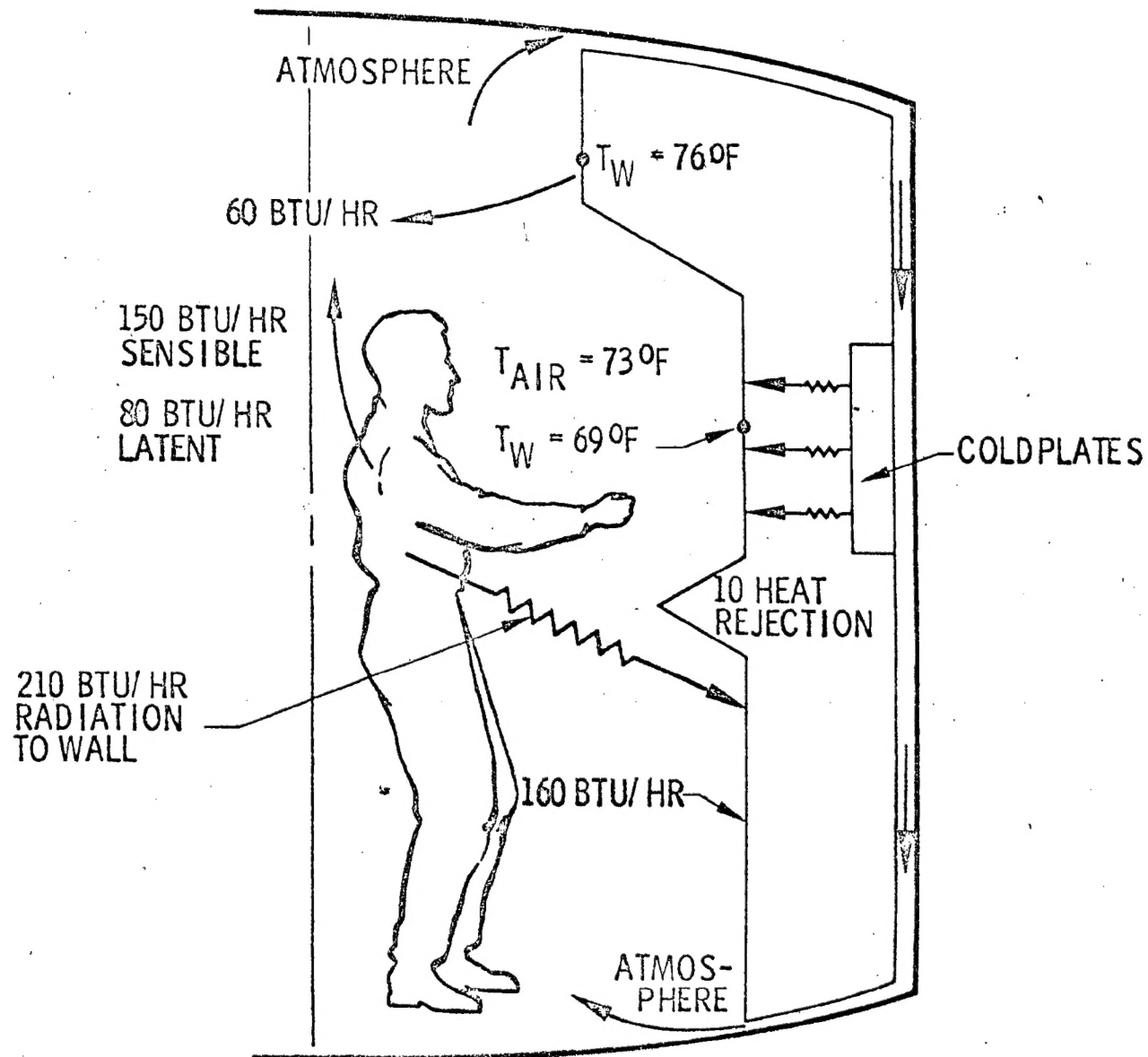
V587-5

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p. 22



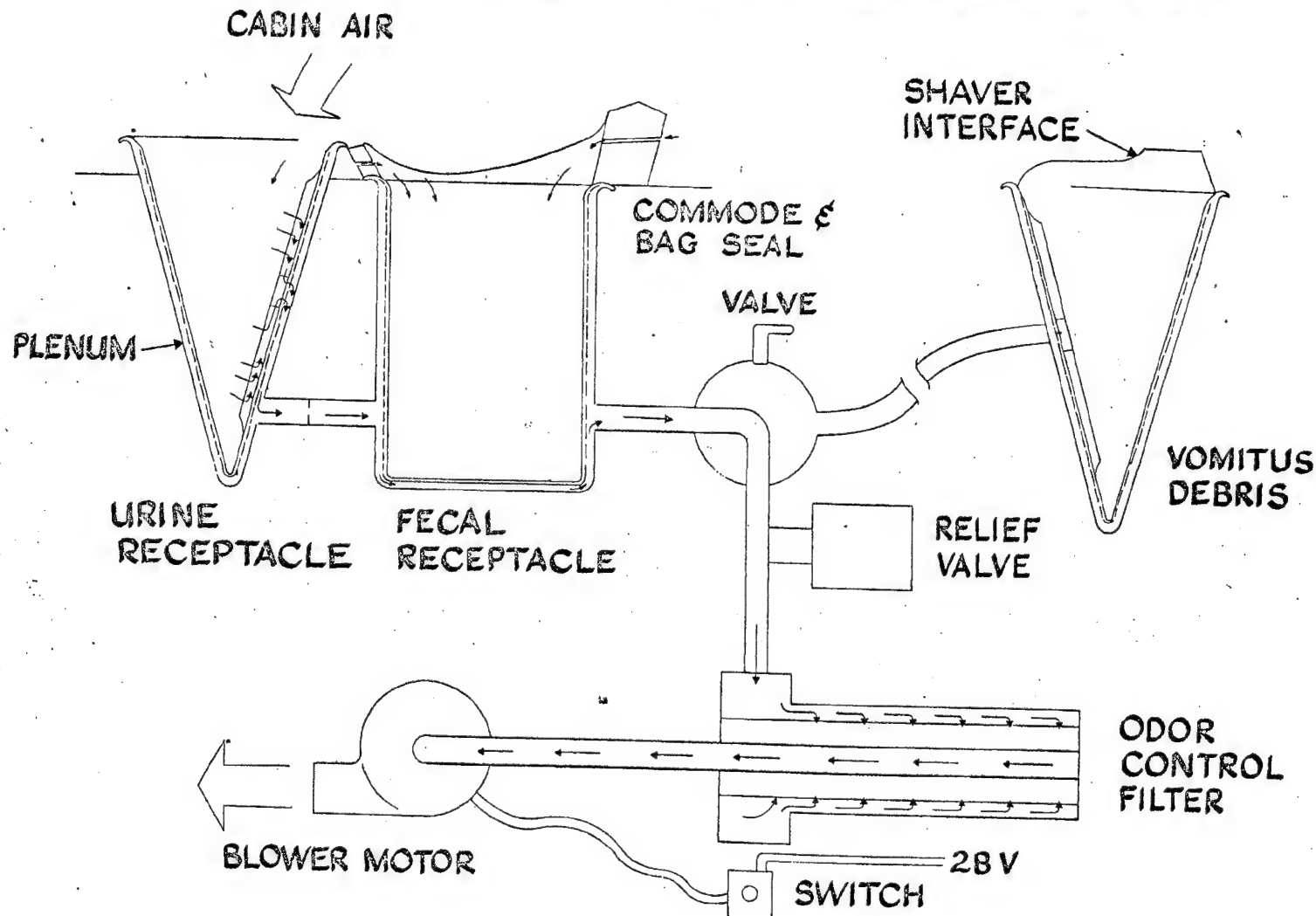
COLD WALL METABOLIC BALANCE

V754-9 B

WHS-293
P. 37

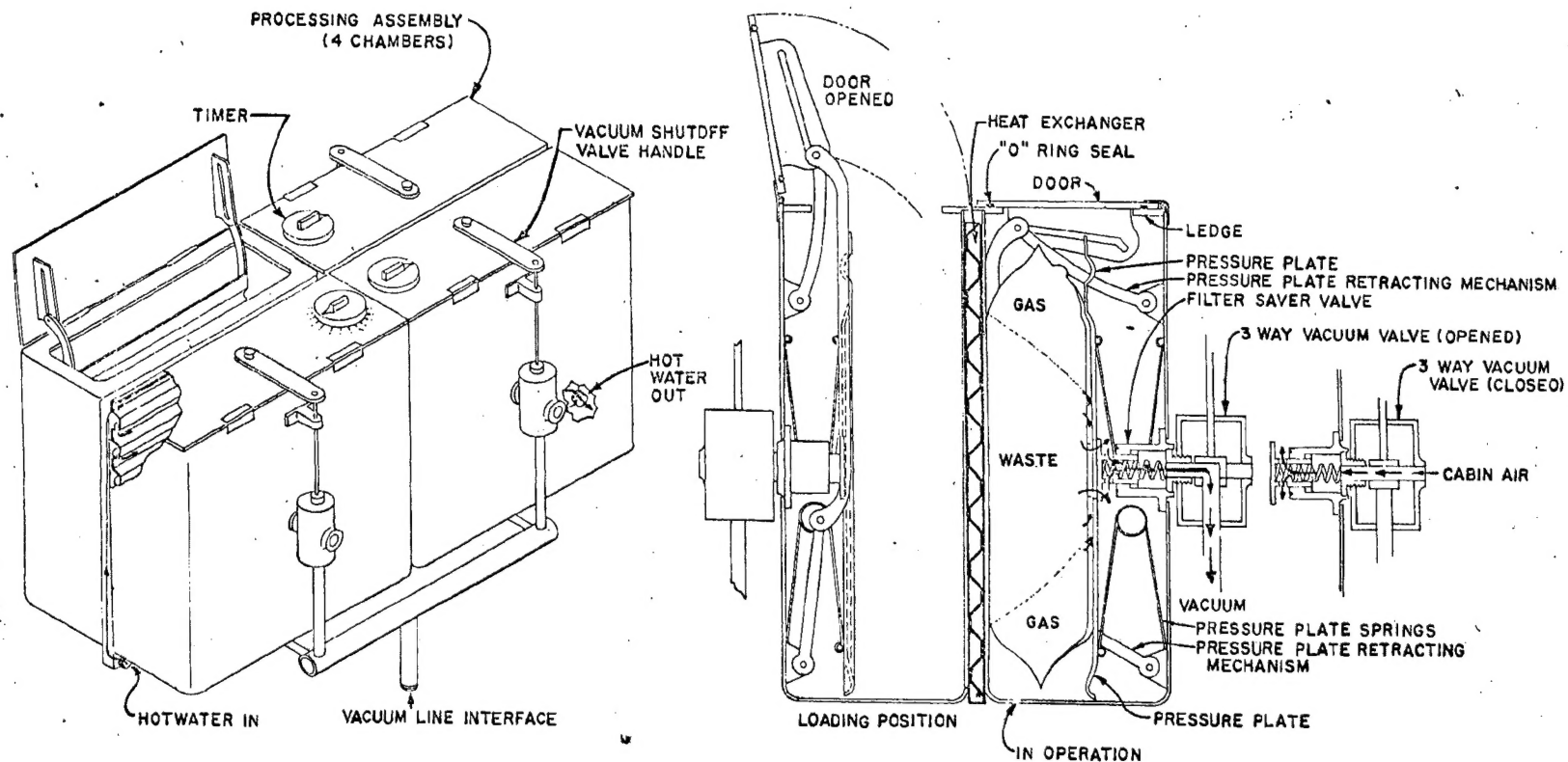
COLLECTION SYSTEM

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p. 32



WASTE PROCESSOR UNIT

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p. 38

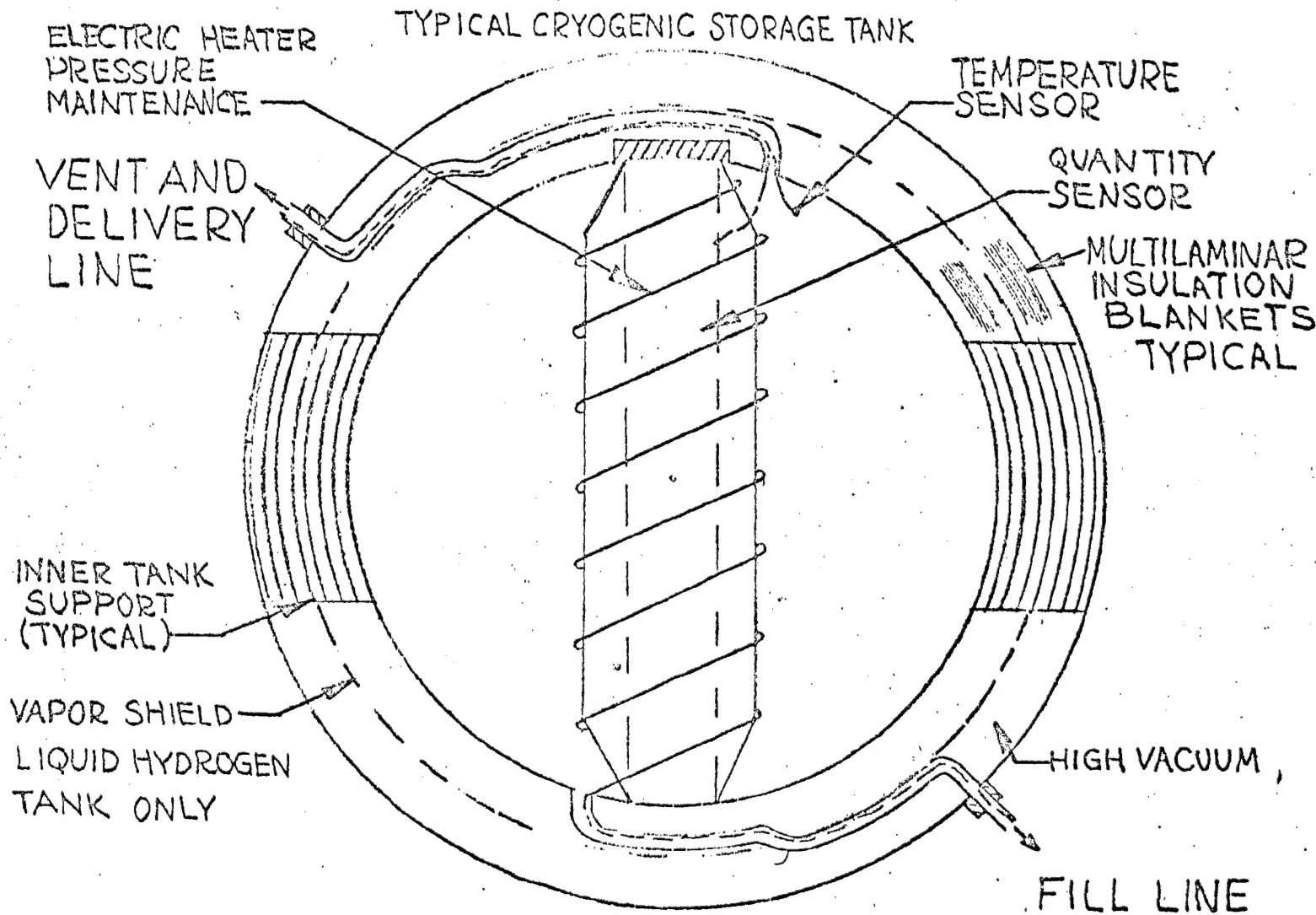


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ATMOSPHERE AND REACTANT SUPPLY SUBSYSTEM

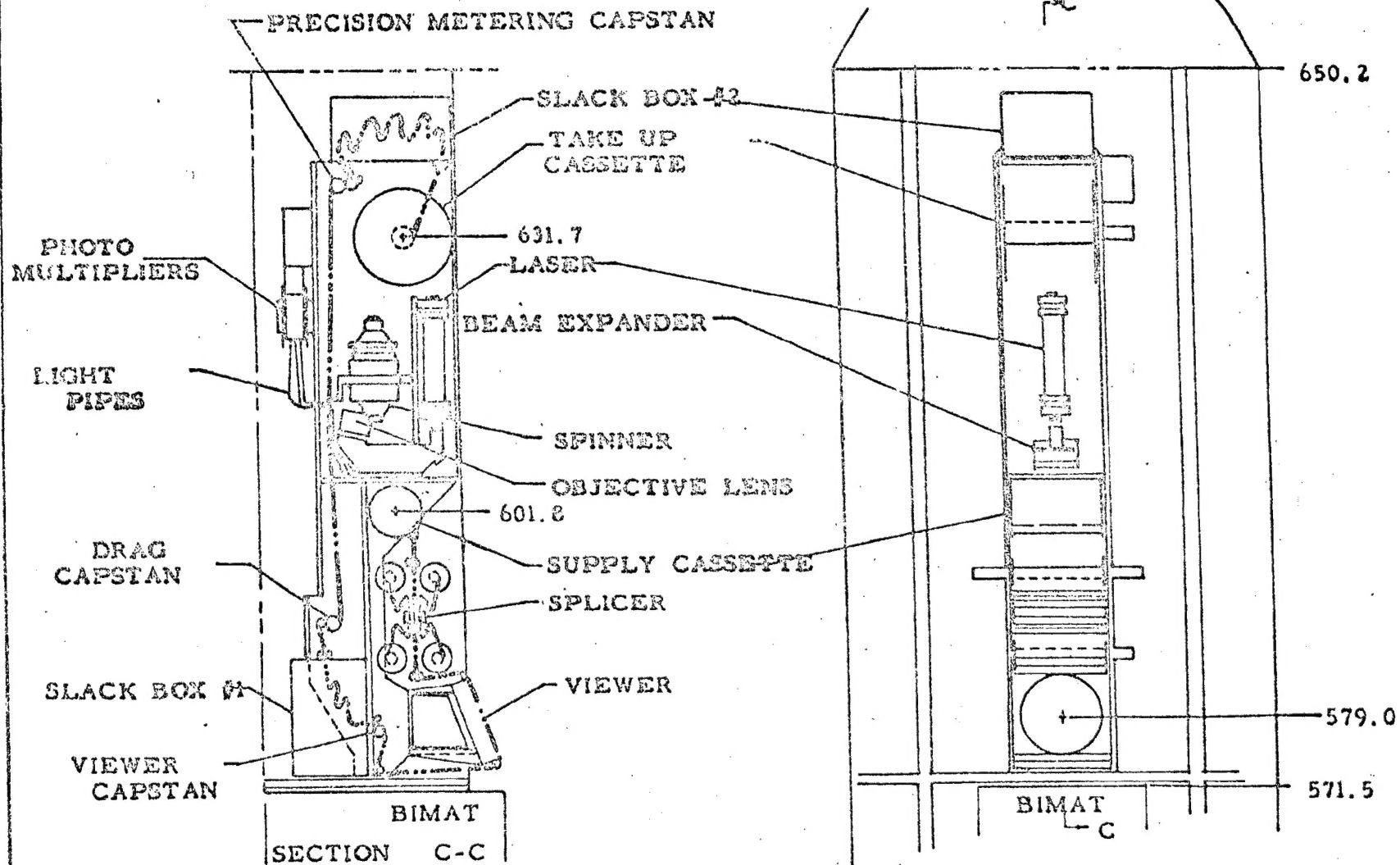
#21
6 MAR 67

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p. 35



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WHS-392
p. 17

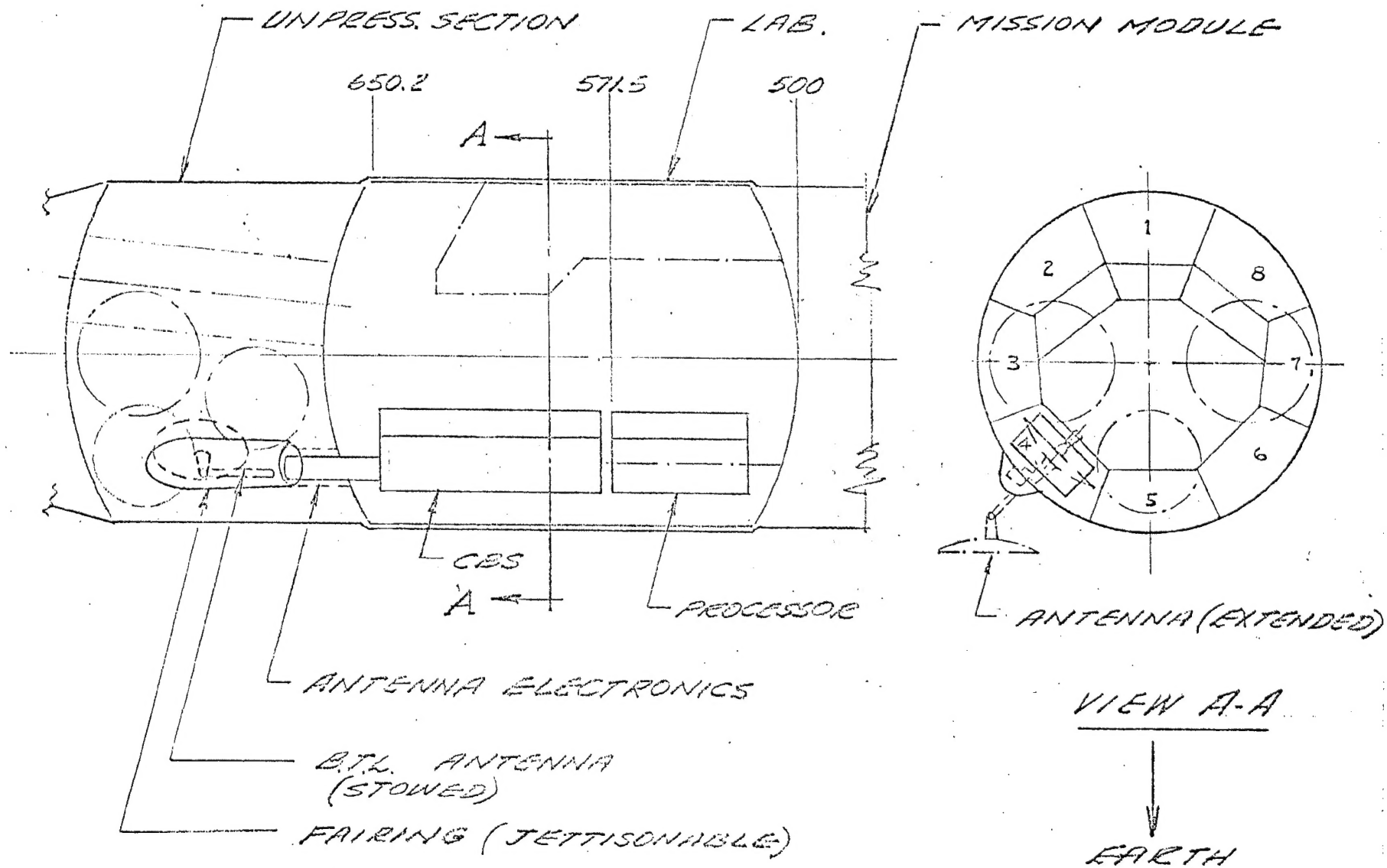


COMPONENT ARRANGEMENT FOR CASSETTE LOADING FROM BIMAT PROCESSOR

~~SECRET~~ SPECIAL HANDLING

~~SECRET~~ SPECIAL HANDLING
BTL WIDE-BAND SYSTEM

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ST-2073